TITLE	FCN	DATE	DRAWING NO:	REV:
W/W SIZE-340 208-230/60/3 460/60/3 575/60/3 380-420/50/3 CXM & LON	19-0176	4/9/19	96B0227N03	B

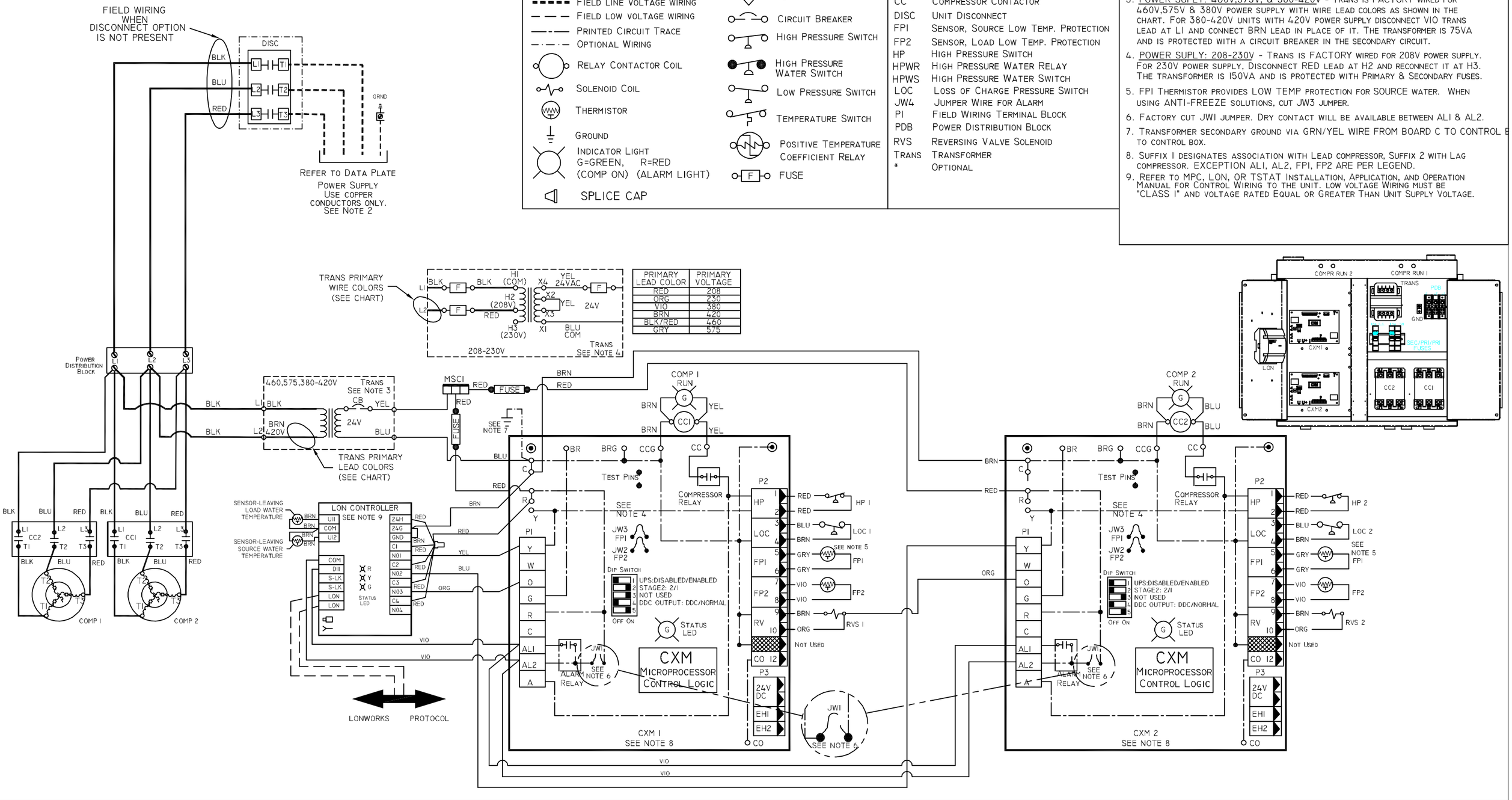
LEGEND

- FACTORY LINE VOLTAGE WIRING
- FACTORY LOW VOLTAGE WIRING
- FIELD LINE VOLTAGE WIRING
- FIELD LOW VOLTAGE WIRING
- PRINTED CIRCUIT TRACE
- OPTIONAL WIRING
- RELAY CONTACTOR COIL
- SOLENOID COIL
- THERMISTOR
- GROUND
- INDICATOR LIGHT G=GREEN, R=RED (COMP ON) (ALARM LIGHT)
- SPLICE CAP
- WIRE NUT
- MATE-N-LOCK
- CIRCUIT BREAKER
- HIGH PRESSURE SWITCH
- HIGH PRESSURE WATER SWITCH
- LOW PRESSURE SWITCH
- TEMPERATURE SWITCH
- POSITIVE TEMPERATURE COEFFICIENT RELAY
- FUSE

AL	ALARM RELAY CONTACTS
CB	CIRCUIT BREAKER
CC	COMPRESSOR CONTACTOR
DISC	UNIT DISCONNECT
FPI	SENSOR, SOURCE LOW TEMP. PROTECTION
FP2	SENSOR, LOAD LOW TEMP. PROTECTION
HP	HIGH PRESSURE SWITCH
HPWR	HIGH PRESSURE WATER RELAY
HPWS	HIGH PRESSURE WATER SWITCH
LOC	LOSS OF CHARGE PRESSURE SWITCH
JW4	JUMPER WIRE FOR ALARM
PI	FIELD WIRING TERMINAL BLOCK
PDB	POWER DISTRIBUTION BLOCK
RVS	REVERSING VALVE SOLENOID
TRANS	TRANSFORMER
*	OPTIONAL

NOTES:

1. COMPRESSOR MOTOR THERMALLY PROTECTED INTERNALLY.
2. ALL WIRING TO THE UNIT MUST COMPLY WITH NEC AND LOCAL CODES.
3. POWER SUPLY: 460V,575V, & 380-420V - TRANS IS FACTORY WIRED FOR 460V,575V & 380V POWER SUPPLY WITH WIRE LEAD COLORS AS SHOWN IN THE CHART. FOR 380-420V UNITS WITH 420V POWER SUPPLY DISCONNECT VIO TRANS LEAD AT LI AND CONNECT BRN LEAD IN PLACE OF IT. THE TRANSFORMER IS 75VA AND IS PROTECTED WITH A CIRCUIT BREAKER IN THE SECONDARY CIRCUIT.
4. POWER SUPLY: 208-230V - TRANS IS FACTORY WIRED FOR 208V POWER SUPPLY. FOR 230V POWER SUPPLY, DISCONNECT RED LEAD AT H2 AND RECONNECT IT AT H3. THE TRANSFORMER IS 150VA AND IS PROTECTED WITH PRIMARY & SECONDARY FUSES.
5. FPI THERMISTOR PROVIDES LOW TEMP PROTECTION FOR SOURCE WATER. WHEN USING ANTI-FREEZE SOLUTIONS, CUT JW3 JUMPER.
6. FACTORY CUT JWI JUMPER. DRY CONTACT WILL BE AVAILABLE BETWEEN ALI & AL2.
7. TRANSFORMER SECONDARY GROUND VIA GRN/YEL WIRE FROM BOARD C TO CONTROL B TO CONTROL BOX.
8. SUFFIX I DESIGNATES ASSOCIATION WITH LEAD COMPRESSOR, SUFFIX 2 WITH LAG COMPRESSOR. EXCEPTION ALI, AL2, FPI, FP2 ARE PER LEGEND.
9. REFER TO MPC, LON, OR TSTAT INSTALLATION, APPLICATION, AND OPERATION MANUAL FOR CONTROL WIRING TO THE UNIT. LOW VOLTAGE WIRING MUST BE "CLASS I" AND VOLTAGE RATED EQUAL OR GREATER THAN UNIT SUPPLY VOLTAGE.



REV	DESCRIPTION	BY	FCN	DATE	APPROVED
B	ADDED FUSE, ADDED MSCI.	JC	19-0176	4/9/19	SS
A	ADDED DISCONNECT OPTION	MB	14-0064	2/10/14	TN
	INITIAL RELEASE	NW	13-0674	12/3/13	NW

UNLESS SPECIFIED OTHERWISE DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ±.031 ANGLES ±1°

MATERIAL: N/A GZ

B.A.- N/A

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TITLE: WIRING DIAGRAM TMW340 (H,F,N,U) CXM & LON

ACAD | DRAWING NO: 96B0227N03

SIZE	DRAWN	DATE	SCALE	REV
L	NW	12/3/13	I	B
	ENG: NW	DATE: 12/3/13	SHEET: I OF I	